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Proceedings - 3rd International Conference on Advanced Computer Science Applications and Technologies, ACSAT 2014

1 April 2014, Article number 07076880, Pages 119-124

3rd International Conference on Advanced Computer Science Applications and Technologies, ACSAT 2014; Amman; Jordan; 29 December 2014 through 30 December 2014; Category numberE5463; Code 111801

Social networks peacebuilding event mining: A systematic literature review

(Conference Paper)

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Abstract

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Social Networks (SNs) becomes one of the essential platform for reporting real time events now a days. SNs has been used by millions of people around the world for sharing thoughts and daily life events on many topics, either it is political, crisis, Peace building (Pb). The objective of this paper is to get insight of Pb Event Mining (EM) from SNs (e.g., Tweets, Fb posts, etc) by conducting the Systematic Literature Review (SLR) process. The paper aims to answer some research questions (RQs) that includes, 1) Which SN's has been widely used for Textual Pb Event Mining PbEM?, 2) What Context or setting has been focussed of PbEM studies and how to categorize Pb events?, and 3) What other types of events (non-Pb) are reported? The SLR process has been used to identify the related literature and for analysis of evidences in order to answer the RQs. This paper concluded on the basis of SLR studies that the 'Twitter' is widely used SN for Textual PbEM because 54 out of 64 studies on PbEM uses Twitter. SLR resulted that earth quake (EQ) events are the major concerned events that effect country's economy and peace therefore most of studies uses the EQ as context/setting. The paper presents the details on categories of Pb events, contexts/settings and the list of other types of events or topics that are the center of the research now a days based on synthesis of evidences. © 2014 IEEE.

Author keywords

Event Mining (EM) Peacebuilding (Pb) Peacebuilding Event Mining (PbEM) Social Networks (SNs)
Systematic literature review (SLR)

Indexed keywords

Engineering Social networking (online)
controlled terms:

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